

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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the spe	ecification of which	(check one)									
[]	is attached hereto.										
[x]	was filed on Sep	tember 17, 1999 as	United States Application								
	Number or PCT I	Number or PCT International Application No. 09/399,083									
	and was amended	l on	(if applicable).								
includ	I hereby state tha ing the claims, as an	t I have reviewed an nended by any amen	d understand the contents of the about diment referred to above.	ove-ide	ntified	spec	cifica	tion,			
define	I acknowledge th d in 37 C.F.R. §1.56		formation which is known by me to	be ma	terial t	o pat	ental	oility a	is		
countr any fo	tent or inventor's cer y other than the Uni reign application for	tificate or 365(a) of ted States of Americ	ts under 35 U.S.C. 119(a)-(d) or 36 any PCT international application ver, listed below and have also identicate, or of any PCT internationity is claimed:	which of the street of the str	lesigna low, b	ited a	t leas eckin	st one g the l	box,		
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I hereb	by claim the benefit	under 35 U.S.C. §11	19(e) of any United States provision	al appl	ication	ı(s) li	sted	below	'.		
(Appli	60/100,954 cation Number)		September 18, 199 (Filing Date)	8			<u>.</u>				
(Appli	60/100,834 cation Number)		September 18, 199 (Filing Date)	8		·					

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

09/042,702		March 17, 1998	8 pending
(Application Serial No	.)	(Filing date)	(Status: patented, pending, abandoned)
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(Application Serial No	.)	(Filing date)	(Status: patented, pending, abandoned)
(Application Serial No	.)	(Filing date)	(Status: patented, pending, abandoned)
As a named in Hamilton, Brook, Sm Customer No. 210	ith & Reynol	by appoint the attorneys ds, P.C., Two Militia Di	and/or agents associated with rive, Lexington, Massachusetts 02421-4799
and John	D. Conway	Registration Nur	mber: 39,105
to prosecute this applie	ation and to t	ansact all business in the	e Patent and Trademark Office connected therewith.
Please send o			
i icase senu (orrespondent	or	
		[X] Address bel	low:
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HAN Two	ard W. Wagi MLTON, BR Militia Drive ngton, MA 0	OÓK, ŜMITH & REYI :	NOLDS, P.C.
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Direct telephoral Direct facsim I hereby deck made on information a knowledge that willful Section 1001 of Title 1 of the application or an arrangement of the section 1001 of the application or an arrangement of the section 1001 of Title 1 of the application or an arrangement of the section 1001 of Title 1 of the application or an arrangement of the section 1001 of Title 1 of the section 1001 of Tit	MILTON, BR Militia Drive ngton, MA 0 one calls to: iles to: fare that all state nd belief are be false statemen 8 of the Unite ny patent issue David Cal	COOK, SMITH & REYN 2421-4799 Richard W. Wagner, Esq. Richard W. Wagner, Esq. ements made herein of melieved to be true; and fints and the like so made a d States Code and that sud thereon.	Telephone No.: 781-861-6240 Facsimile No.: 781-861-9540 The sylvan syl
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Full name of second joi	int	
inventor, if any	Lee Arnold	
Inventor's Signature		Date 12/16/99
Residence	•	
	Westboro, Massachusetts 01581	
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Post Office Address	Same	
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	Homos Mordojami	Date <u>12/16/99</u>
Residence	19 Old Farm Road	
	Douglas, Massachusetts 01516	
Citizenship	United States	
Post Office Address	Same	
Full name of fourth joir inventor, if any		
Inventor's Signature		Date 12/16/99
	X12 Robert Road	Date Part 17
	N. 11 . N 1 01750	, , , , , , , , , , , , , , , , , , ,
Citizenshin	Great Britain	
Post Office Address		•
		1
Full name of fifth joint		·
inventor, if any	Bojuan B. Deng	
Inventor's Signature		Date
Residence	80 Stoney Hill Road	
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Citizenship	Peoples Republic of China	
Post Office Address	Same	

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inventor, if any	David N. Johnston	
Inventor's Signature		Date
Residence	Pennyfoot Street	
•	Nottingham NG1 1GF, England	
Citizenship	Great Britain	
Post Office Address	Same	
Full name of seventh join	t	
•	Paul Rafferty	
	A GOL A GOLDAN	
Residence	D 0 . 0	
	Nottingham NG1 1GF, England	
	Great Britain	
	Same	
	·	
	Gerald B. Tometski	
•		
_	Pennyfoot Street	
•		
Citizenshin	Great Britain	
	·	
	Same	
Full name of eighth joint		
•	Helen L. Twigger	
-		Date
Residence		
Cities and the		
Citizenship		
Post Office Address		
Full name of eighth joint		
inventor, if any	Rainer Munschauer	
Inventor's Signature		Date
Residence	Zepplinstr. 5	
	67435 Neustadt, Germany	
Citizenship	Germany	
Post Office Address	Same	
87254		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

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I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the solution which is claimed and for which a patent is sought on the invention entitled

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the spec	eification of which (cl	heck one)		·	·			·	·		
[]	is attached hereto.										
[x]	was filed on Septer	mber 17, 1999	as United Sta	ites Application	L						
	Number or PCT Into	ernational Appl	lication No	09/399,083							
	and was amended o	n	(if applica	ıble).							
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defined	I acknowledge the coin 37 C.F.R. §1.56.	luty to disclose	information	which is known	by me to b	e ma	terial to	o pat	entab	ility	as
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I hereby	claim the benefit un	der 35 U.S.C. §	119(e) of an	y United States	provisional	appli	ication	(s) li	sted b	oelov	٧.
	60/100,954		_	Septembe	er 18, 1998						
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Applica	ation Number)		(Fi	ling Date)		•					

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(Application Serial No.))	(Filing date)	(Status: patented, pending, abandoned)
As a named in Hamilton, Brook, Smi Customer No2100	th & Reynol	by appoint the attorneds, P.C., Two Militia	eys and/or agents associated with Drive, Lexington, Massachusetts 02421-4799
and John	D. Conway	Registration 1	Number: 39,105 ,
to prosecute this applica	ntion and to t	ransact all business in	the Patent and Trademark Office connected therewith.
Please send co	rresponden	ce to: [] Custome: or	r No. Noted Above
		[X] Address	below:
Two l Lexin	Militia Drive gton, MA 0	2421-4799	
Direct telephor	ie calis to: 1	Richard W. Wagner, E	Esq. Telephone No.: 781-861-6240
Direct facsimil	es to:I	Richard W. Wagner, E	Esq. Facsimile No.: 781-861-9540
made on information an knowledge that willful t	d belief are balse statements of the Unite	pelieved to be true; an ants and the like so maded and States Code and that	of my own knowledge are true and that all statements d further that these statements were made with the de are punishable by fine or imprisonment, or both, under at such willful false statements may jeopardize the validity
Full name of sole			
or first inventor	David Ca	lderwood	
Inventor's Signature			Date
Residence	4 McCart	hy Circle	
	Framingh	am, Massachusetts 0	1702
Citizenship	Great Brit	ain	
Post Office Address			

Full name of second join	it	
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Inventor's Signature		Date
Residence	216 Ruggles Street	
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Citizenship	Canada	
Post Office Address	Same	
Full name of third joint		
inventor, if any	Hormoz Mazdiyasni	
-		
	19 Old Farm Road	
	Douglas, Massachusetts 01516	
Citizenship	United States	
Post Office Address	Same	
Full name of fourth joint	:	
inventor, if any	Gavin C. Hirst	
Inventor's Signature	·	Date
Residence	112 Robert Road	
	Marlboro, Massachusetts 01752	
Citizenship	Great Britain	
Post Office Address	Same	
Full name of fifth joint		
inventor, if any	Bojuan B. Deng	
Inventor's Signature		Date
Residence	80 Stoney Hill Road	
	Shrewsbury, MA 01545	
Citizenship	Peoples Republic of China	
Post Office Address	Same	

Full name of sixth joint		
inventor, if any	David N. Johnston	
	·	
Residence	Pennyfoot Street	
	Nottingham NG1 1GF, England	
Citizenship	Great Britain	
	Same	
Full name of seventh jo	int	
inventor, if any	Paul Rafferty	
Inventor's Signature		Date
Residence	Pennyfoot Street	
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Citizenship	Great Britain	
	Same	
Full name of eighth join	 it	
inventor, if any	Gerald B. Tometski	
Inventor's Signature		Date
	Pennyfoot Street	
	Nottingham NG1 1GF, England	
Citizenship	Great Britain	
Post Office Address	Same	
Full name of eighth join		
	Helen L. Twigger	
· ·		
Residence		
	Nottingham NG1 1GF, England	
Citizenship	Great Britain	
Post Office Address	Same	
Full name of eighth join		
inventor, if any		
Inventor's Signature	Lava Carlas	Date/2/15/99
Residence	Zepplinstr. 5	
	67435 Neustadt, Germany	
Citizenship	Germany	

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Declaration for Patent Application

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As a named inv Hamilton, Brook, Smit Customer No. 2100	h & Reynolds	y appoint the attorney i, P.C., Two Militia I	ys and/or agents associated with Drive, Lexington, Massachusetts 02421-4799
and John I	D. Conway	Registration N	fumber: 39,105 ,
to prosecute this applica	tion and to tran	nsact all business in t	the Patent and Trademark Office connected therewith.
Please send co			No. Noted Above
rease send con	i i espondente	or	
		[X] Address b	elow:
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Direct telephon	e calls to: <u>Ric</u>	chard W. Wagner, Es	sq. Telephone No.: 781-861-6240
Direct facsimile	es to: Ric	chard W. Wagner, Es	sq. Facsimile No.: 781-861-9540
made on information and knowledge that willful fa	d belief are bel alse statements of the United	lieved to be true; and s and the like so made States Code and that	my own knowledge are true and that all statements further that these statements were made with the e are punishable by fine or imprisonment, or both, under such willful false statements may jeopardize the validity
Full name of sole			
or first inventor		erwood	
Inventor's Signature			Date
Residence	-		
		n, Massachusetts 017	702
Citizenship		<u>n</u>	
Post Office Address	Same		
	···		

Full name of second joint inventor, if any _____ Lee Arnold _____ Date _____ Inventor's Signature____ 216 Ruggles Street Residence ____ Westboro, Massachusetts 01581 Citizenship _____ Canada Post Office Address Same Full name of third joint inventor, if any Hormoz Mazdiyasni Inventor's Signature___ _____ Date _____ Residence ____ 19 Old Farm Road Douglas, Massachusetts 01516 Citizenship ____ United States Post Office Address Same Full name of fourth joint inventor, if any Gavin C. Hirst Inventor's Signature____ _____ Date _____ Residence _____ 112 Robert Road Marlboro, Massachusetts 01752 Citizenship _____ Great Britain Post Office Address ____ Same Full name of fifth joint inventor, if any _____ Bojuan B. Deng Inventor's Signature___ Date _____ Residence _____ 80 Stoney Hill Road Shrewsbury, MA 01545 Peoples Republic of China Citizenship _____ Post Office Address Same

Full name of sixth joint			
inventor, if any	David No Johnston		
Inventor's Signature		Date 15.12.99	
Residence	Pennyfoot Street		
	Nottingham NG1 1GF, England		
	Great Britain		
Post Office Address			
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Full name of seventh join			
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Inventor's Signature		Date (6-12.9	9
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inventor, if any	4		957 15.12.0
	and M	Date 15.12.99	<u> </u>
Residence	Pennyfoot Street		<u>. </u>
	Nottingham NG1 1GF, England		_
Citizenship			_
Post Office Address			
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Full name of eighth joint			
inventor, if any Inventor's Signature	4 0	Date OS Jan 2000	_ _
Residence	Pennyfoot Street	Date <u>00 Oct 1</u>	<u> </u>
residence	Nottingham NG1 1GF, England		_
Citizenship			_
Post Office Address	•		_
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Full name of eighth joint	,		
, , <u>, </u>	Rainer Munschauer		
			_
Residence	Zepplinstr. 5		_ _
	67435 Neustadt, Germany	76.	<u> </u>
Citizenship	Germany		_
Post Office Address	Same		_
87254			